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CLAIMS

1. An information transmission process for transmitting information between a signal-emitting port for emitting an optical signal and plural signal-receiving ports for receiving the optical signal through a light transmissive medium in an optical circuit device,

the process comprising

a first step of transmitting a first information by

emitting light in a first emission angle range from
the signal-emitting port to transmit first
information to at least one of the signal-receiving
ports, and

a second step, after the first step, of transmitting second information from the signal-emitting port by emitting light in a second emission angle range different from the first emission angle range to transmit second information to at least one of the signal-receiving ports.

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2. The information transmission process according to claim 1, wherein, in the first step, a communication path is established between the signal-emitting port and at least one signal-receiving port, and subsequently in the second step, data is transmitted through the communication path.

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- 3. The information transmission process according to claim 1, wherein the first emission angle range for emitting the light from the signal-emitting port in the first step is larger than the second emission angle range for emitting the light from the signal emitting port in the second step.
- 4. The information transmission process according to claim 1, wherein the data is transmitted in the first step in a lower speed than in the second step.
 - 5. The information transmission process according to claim 1, wherein the information transmission by light is conducted at least through procedure below:

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- (1) a communication-requesting signal is emitted from port A in the first emission angle range,
- (2) a standby signal is returned to port A from port20 B having received the communication-requesting signal,
 - (3) data is transmitted from port A to port B in the second emission angle range smaller than the first emission angle range.
- 25 6. The information transmission process according to claim 5, wherein the standby signal is transmitted through an electric wiring.

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7. An optical circuit device comprising plural ports having at least one of an optical signal-emitting function and an optical signal-receiving function, the optical circuit device having a constitution in which optical information can be transmitted between the ports through a light-transmissive medium and at least one of the ports is capable of emitting light in one of two or more emission angle ranges selectively.

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